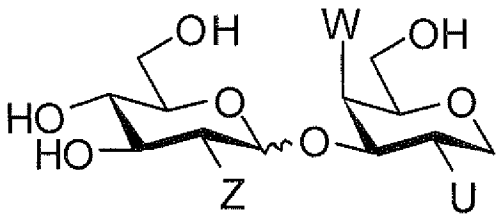
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-24 (Cancelled).

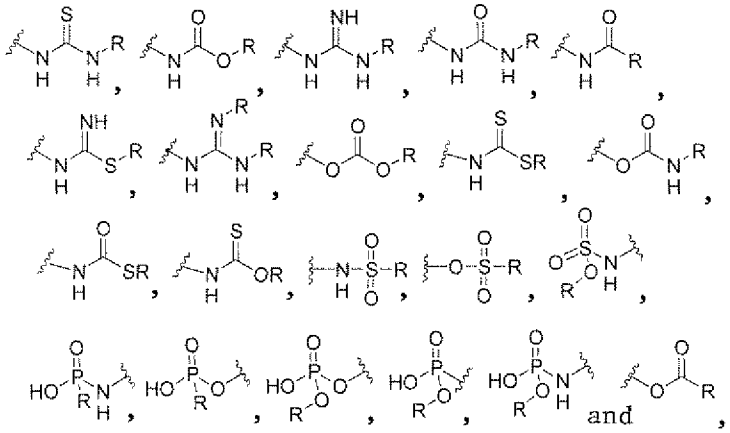
25. (New) A method of inhibiting bacterial growth comprising contacting a bacteria with at least one disaccharide compound of General Formula (I),



General Formula (I)

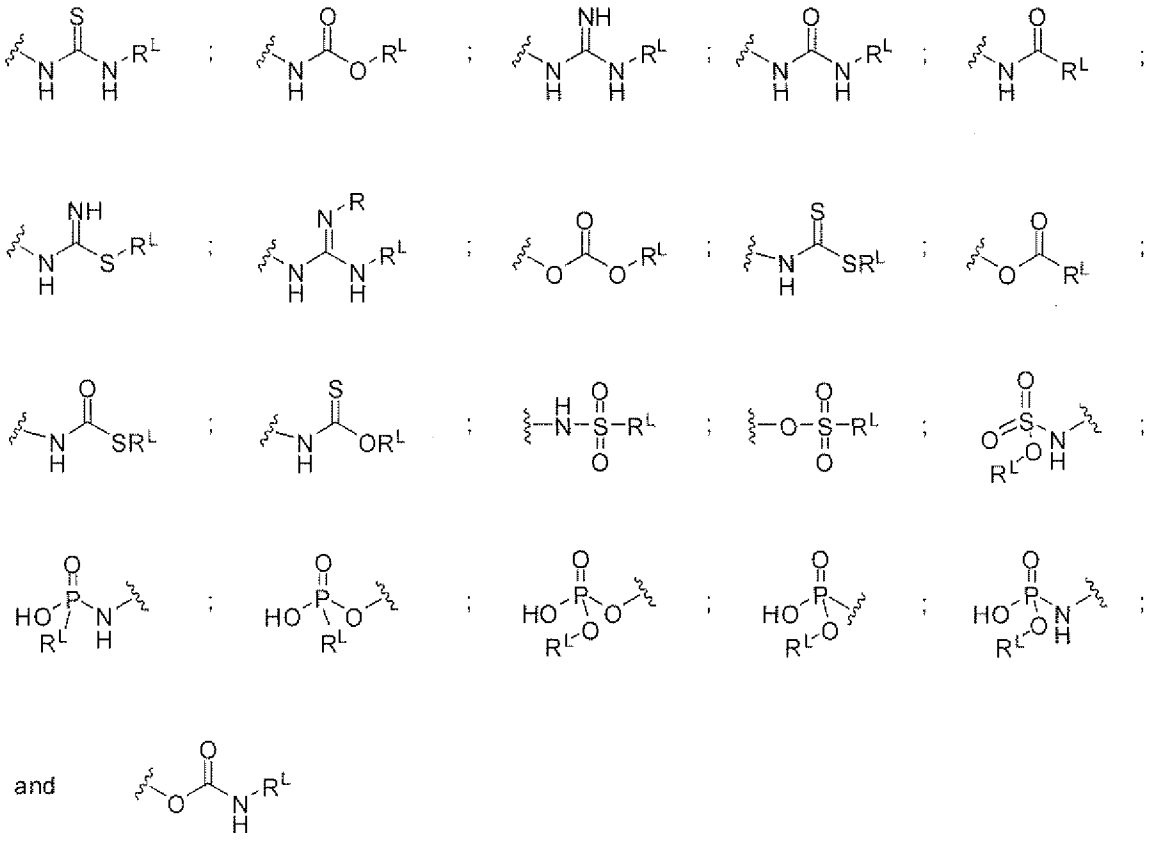
Wherein

U and Z are independently selected from the group consisting of: OR, NHR, and NR(R) wherein R may be the same of different,



R is a moiety of not more than 20 carbon atoms independently selected from the group consisting of: alkyl, alkenyl, alkynyl, heteroalkyl, aryl, heteroaryl, arylalkyl and heteroarylalkyl,

W is independently selected from the group comprising OR^L; NHR^L; NR^LR;

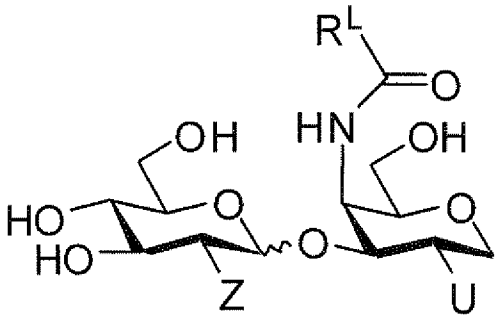


wherein R^L is a substituted or unsubstituted, linear or branched moiety of between 3 and 55 carbon atoms selected from the group consisting of: alkyl, heteroalkyl, arylalkyl, and alkylaryl chain.

26. (New) The method of claim 25, wherein R^L is substituted by a moiety selected from the group consisting of: acidic groups, carboxylic acids, sulfonic acids, phosphoric acids, tetrazoles, or other carboxylic acid mimetics, basic groups, amines, guanidiniums, amidines, imidazoles, oxazoles, or other amine mimetics.

27. (New) The method of claim 25, wherein one or more R groups is substituted by a moiety selected from the group consisting of: OH, NO, NO_2, NH_2, N_3, halogen, CF_3, CHF_2, CH_2F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramide, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, carbamoyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl.

28. (New) The method of claim 25, wherein the compound is of General Formula (III)



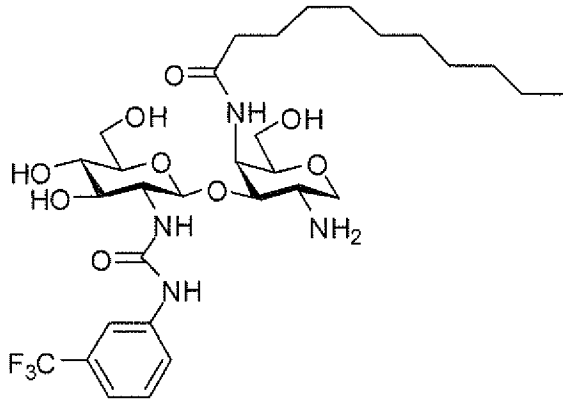
General Formula (III).

29. (New) The method of claim 25, wherein the bacteria is a Gram + bacteria.

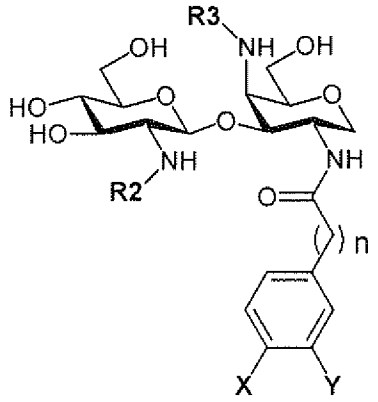
30. (New) The method of claim 25, wherein the bacteria is a Gram – bacteria.

31. (New) The method of claim 25, wherein the bacteria is selected from the group consisting of an *E-coli*, , *Micrococcus luteus*, *Staphylococcus aureus*, *Staphylococcus aureus* MRSA, *Enterococcus faecalis*, *Enterococcus faecalis* Vancomycin resistant and *Streptococcus pyogenes*.

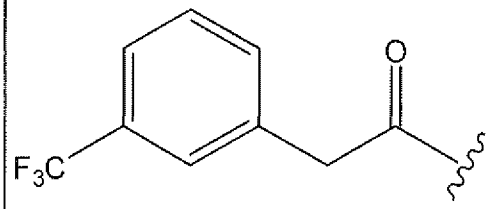
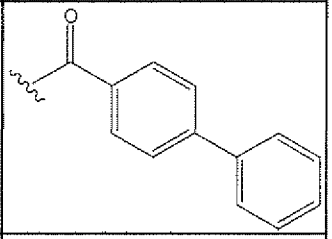
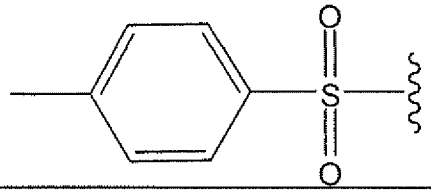
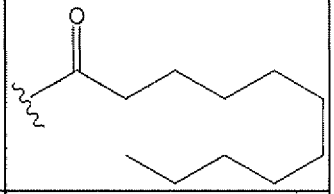
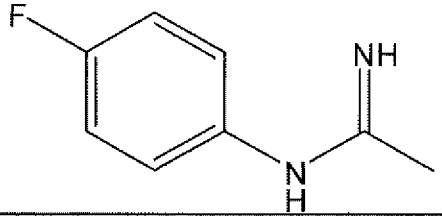
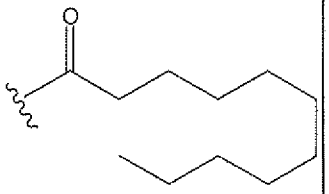
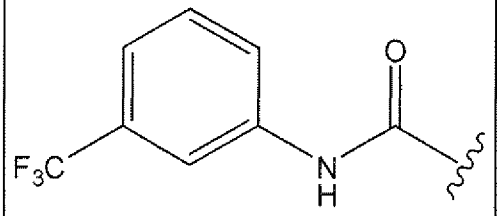
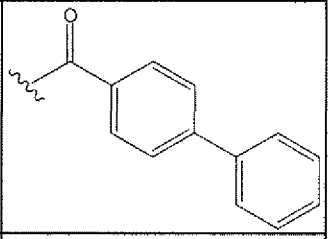
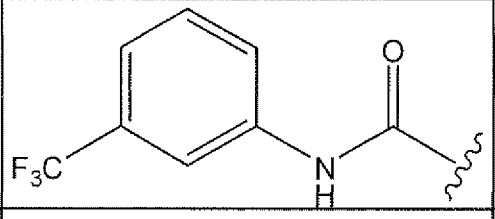
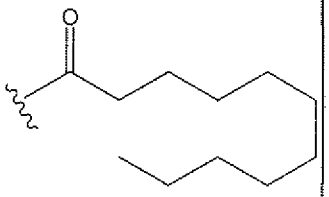
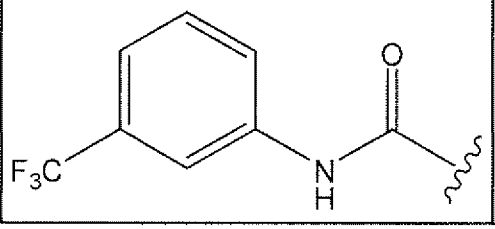
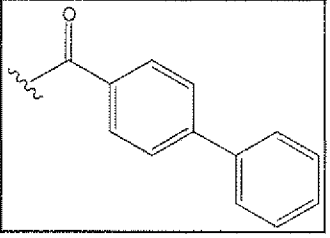
32. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is



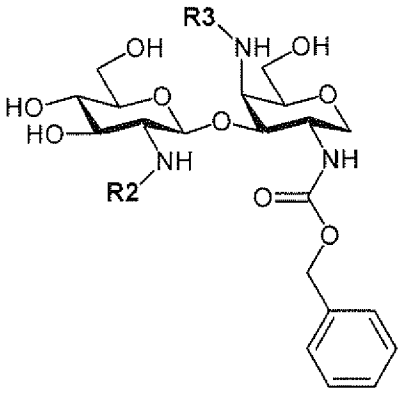
33. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is



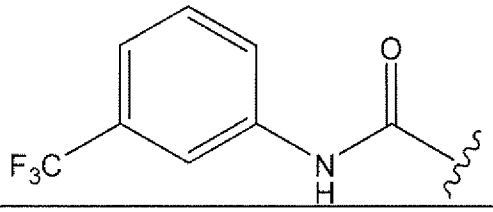
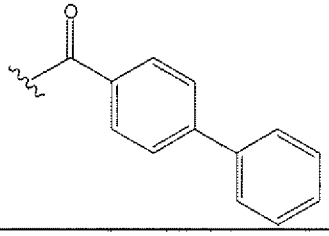
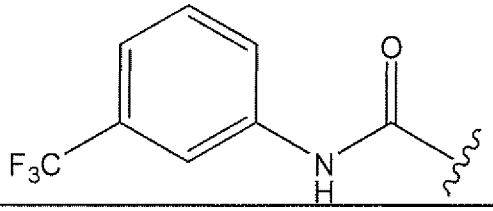
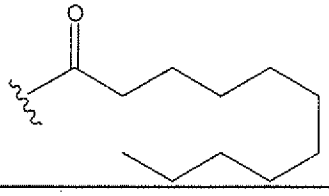
Wherein:

n	X	Y	R2	R3
1	H	CF_3		
1	H	CF_3		
0	H	CF_3		
0	H	CF_3		
0	H	CF_3		
1	CF_3	H		

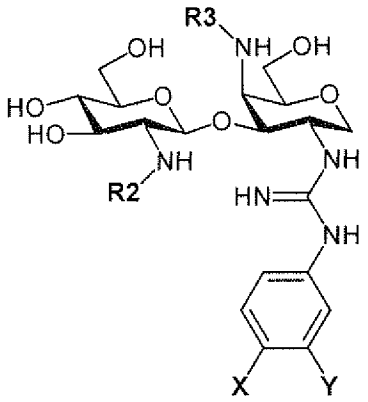
34. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is



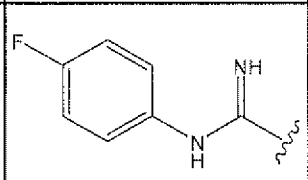
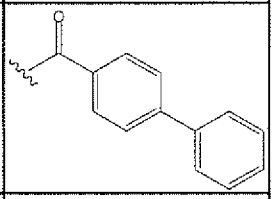
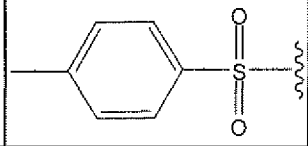
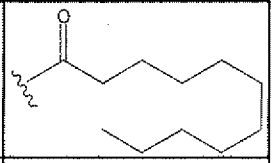
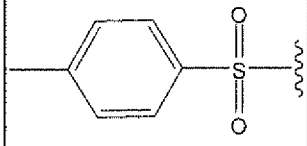
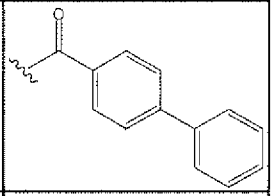
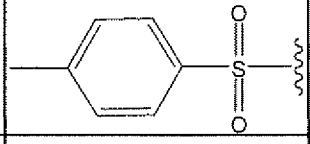
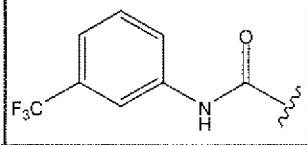
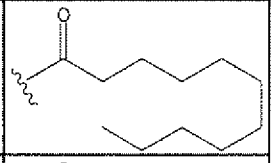
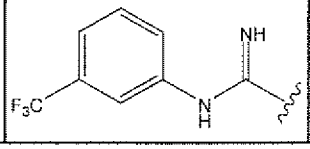
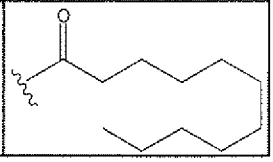
Wherein:

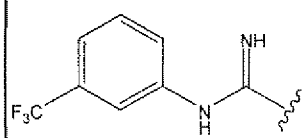
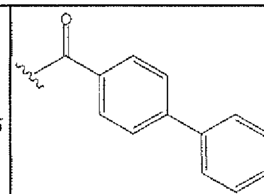
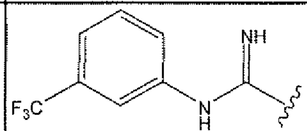
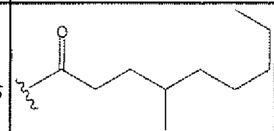
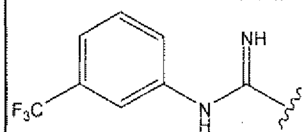
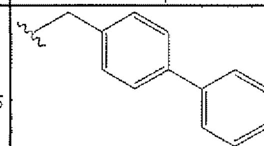
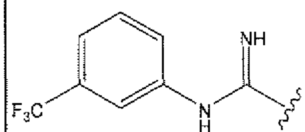
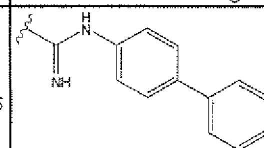
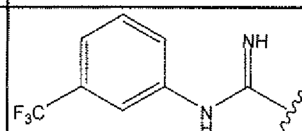
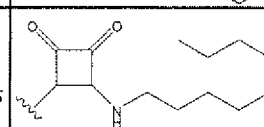
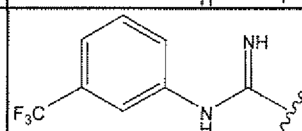
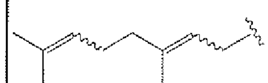
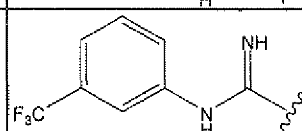
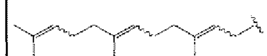
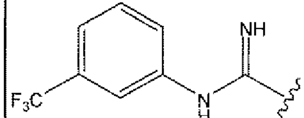
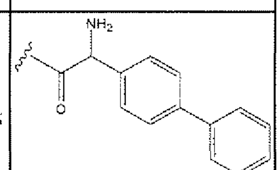
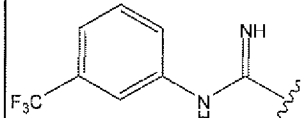
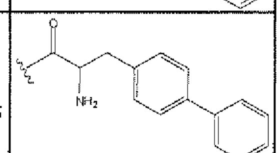
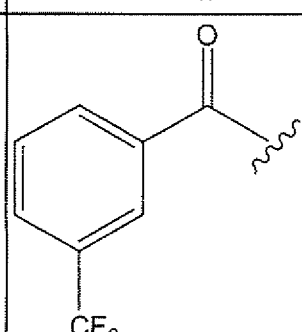
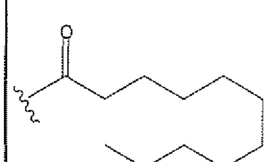
R2	R3
	
	

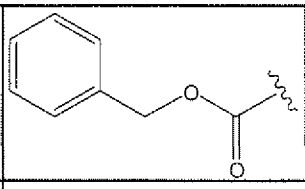
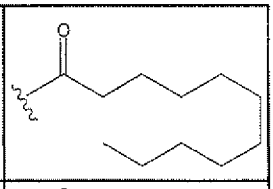
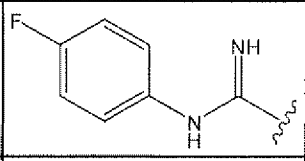
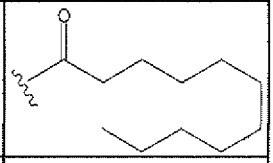
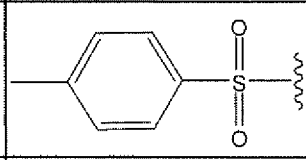
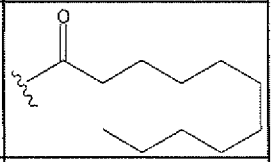
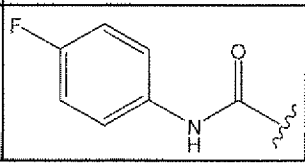
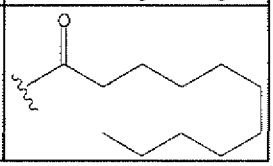
35. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is



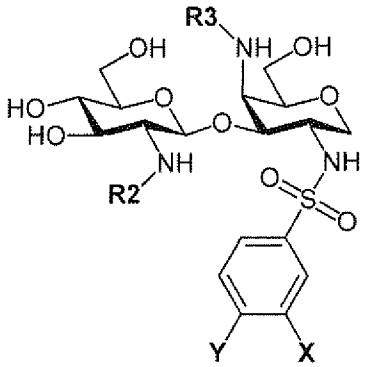
wherein:

X	Y	R2	R3
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		H
H	CF_3		
H	CF_3		

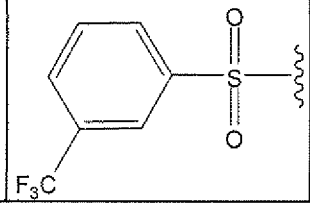
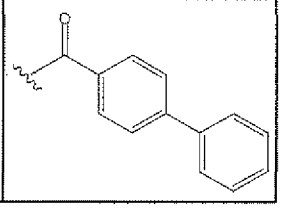
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
F	H		

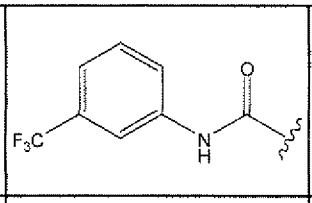
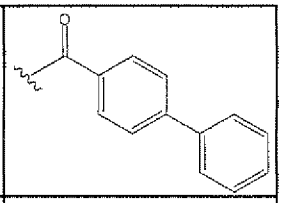
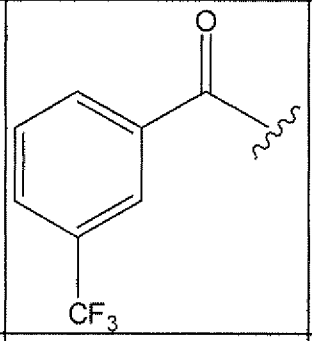
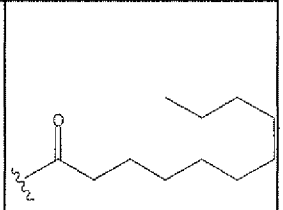
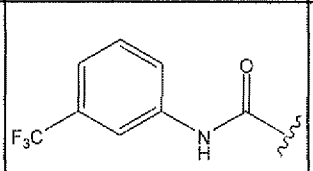
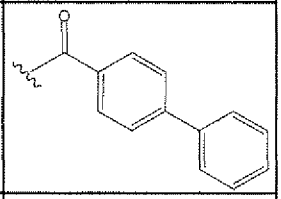
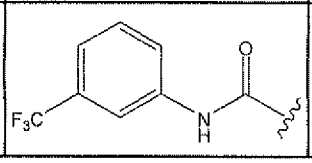
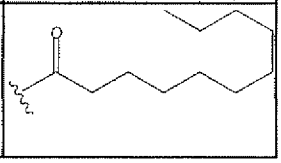
F	H		
F	H		
F	H		
F	H		

36. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is



Wherein:

X	Y	R2	R3
CF_3	H		

CF_3	H		
H	CH_3		
H	CH_3		
H	CH_3		

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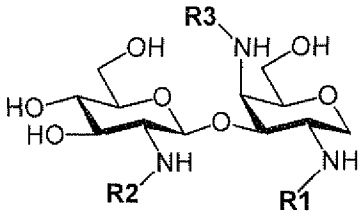
37. (New) The method of claim 25, wherein the bacteria is *Staphylococcus aureus* and the compound is

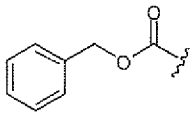
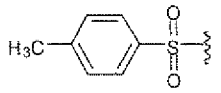


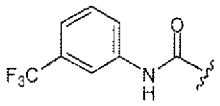
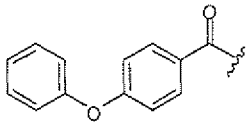
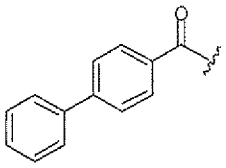
Wherein

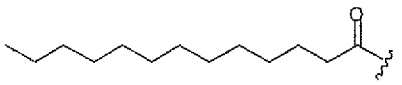
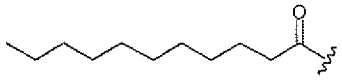
R1	R2	R3
A20	A20	A8
A5	A1	A7
A5	A3	A7
A5	A3	A1

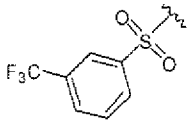
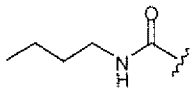
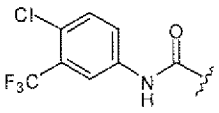
A5	A21	A7
A5	A21	A1
A5	A17	A7
A5	A4	A7
A5	A4	A1
A5	A44	A7
A5	A5	A25
A5	A5	$C_{10}H_{21}$
A5	A5	A39
A5	A5	A40
A5	A5	A22
A5	A5	bis-pentyl
A5	A5	A32
A5	A5	A31
A5	A5	A30
A5	A5	A33
A5	A5	A34
A5	A5	A36
A5	A5	A6
A5	A5	A7
A5	A5	A23
A5	A5	A8
A5	A5	A9
A5	A3	A9
A5	A4	A9
A18	A4	A9

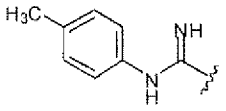
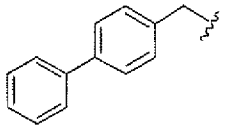
and wherein

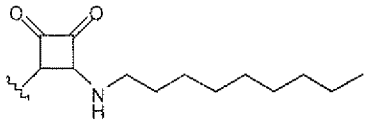
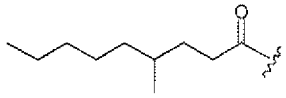
A1 is  , **A3** is  , **A4** is 

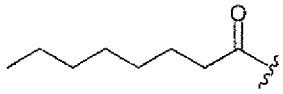
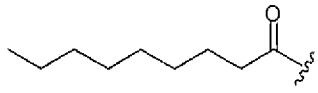
, **A5** is  , **A6** is  , **A7** is 

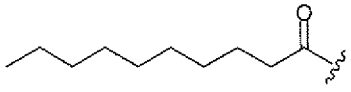
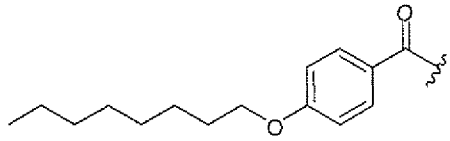
, **A8** is  , **A9** is 

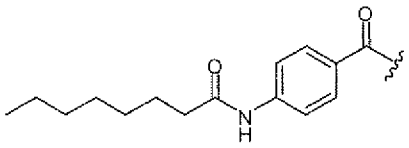
, **A17** is  , **A18** is  , **A20** is 

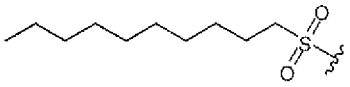
, **A21** is  , **A22** is 

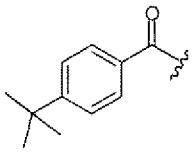
, **A23** is  , **A25** is 

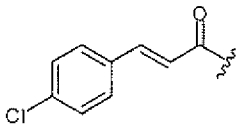
, **A30** is  , **A31** is 

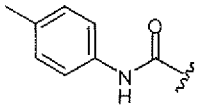
, **A32** is  , **A33** is 

, **A34** is 

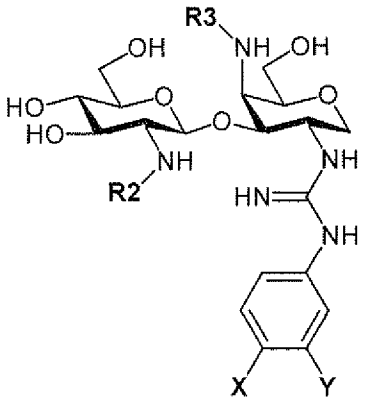
, **A36** is 

, **A39** is 

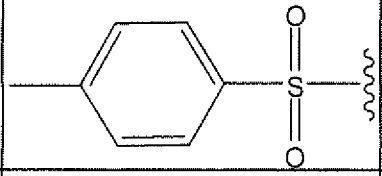
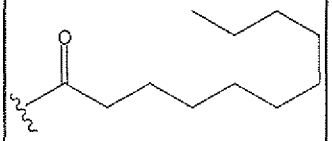
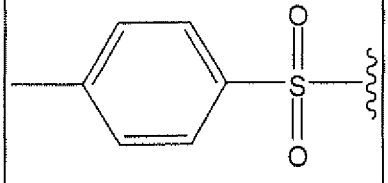
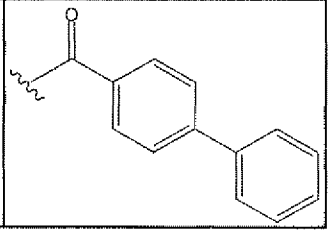
, **A40 is** 

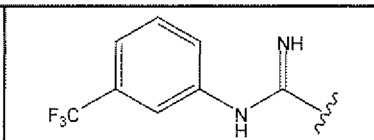
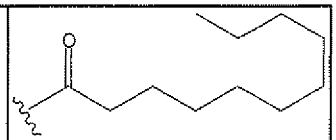
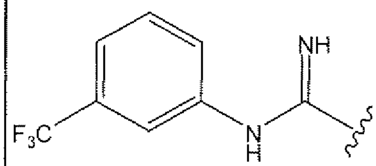
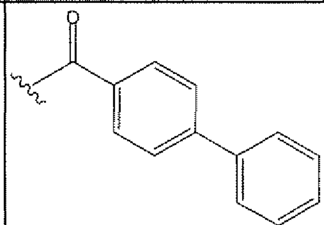
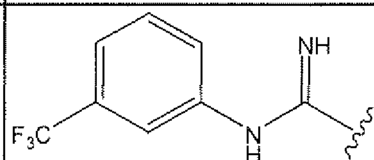
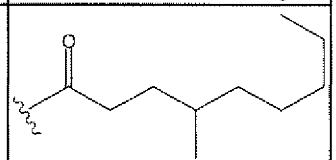
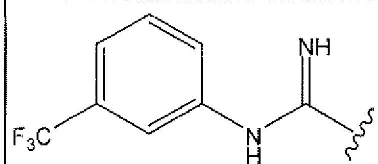
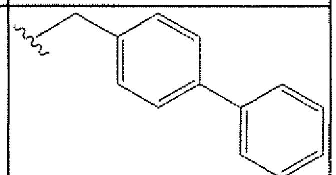
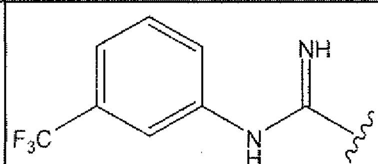
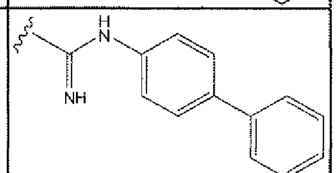
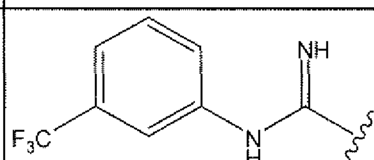
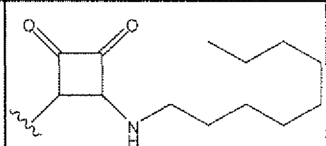
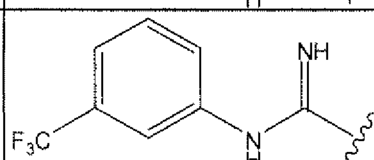
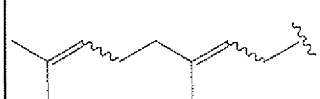
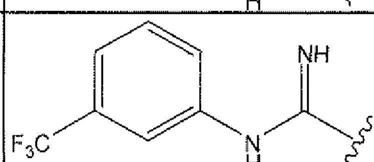
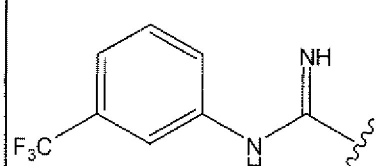
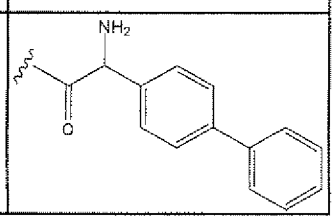
and **A44** is 

38. (New) The method of claim 25, wherein the bacteria is *E. coli* and the compound is



Wherein:

X	Y	R2	R3
H	CF_3		
H	CF_3		

H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		
H	CF_3		

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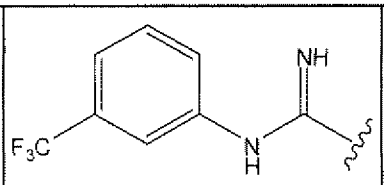
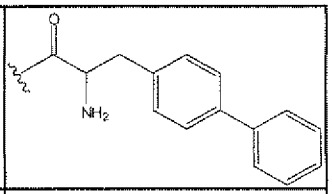
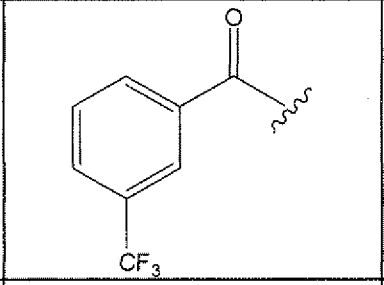
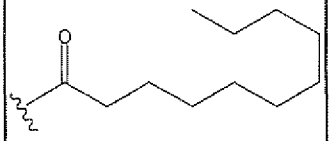
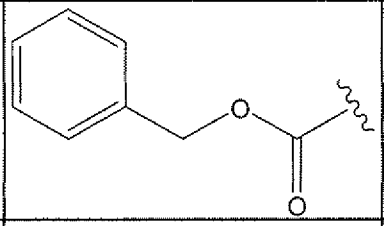
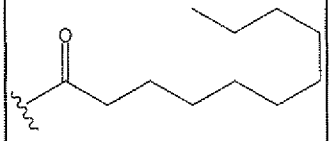
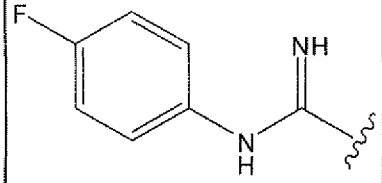
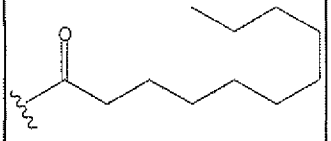
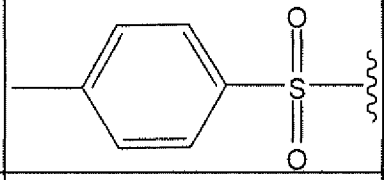
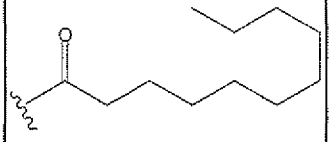
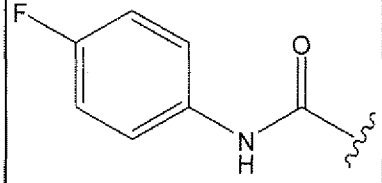
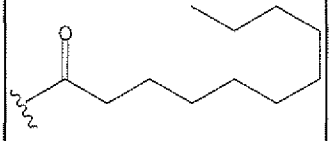
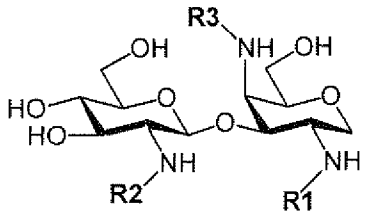
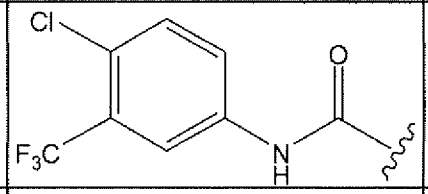
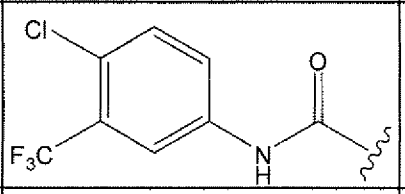
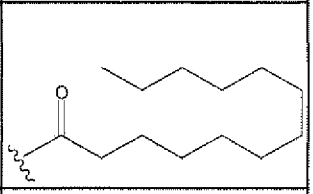
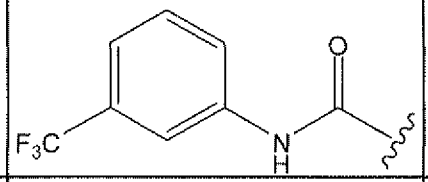
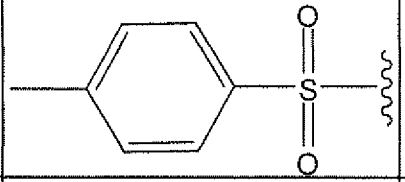
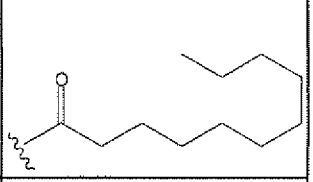
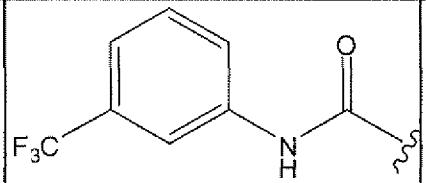
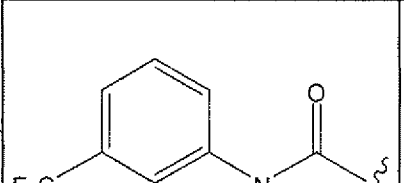
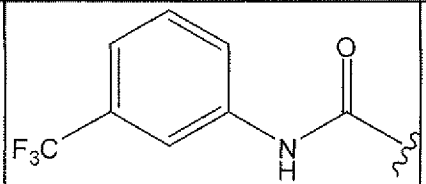
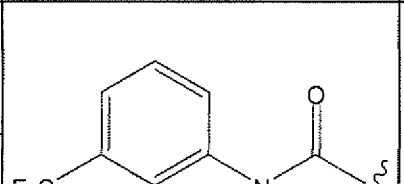
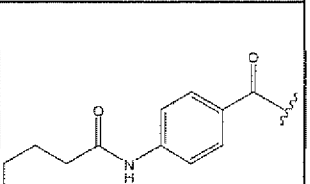
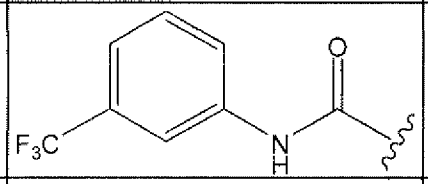
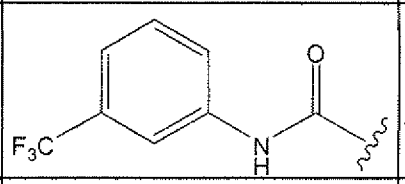
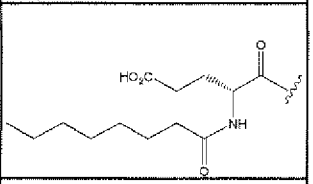
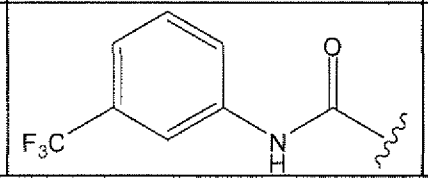
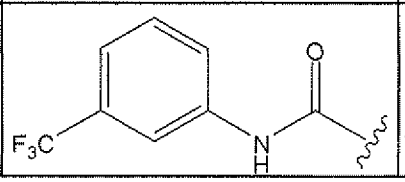
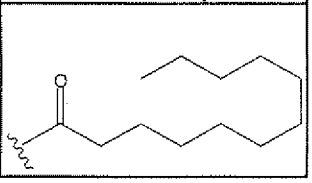
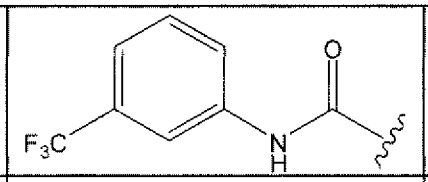
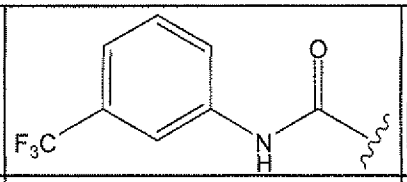
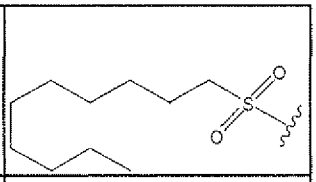
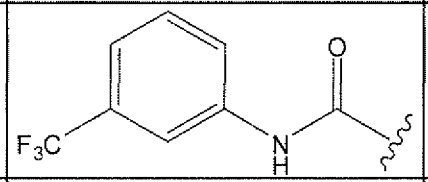
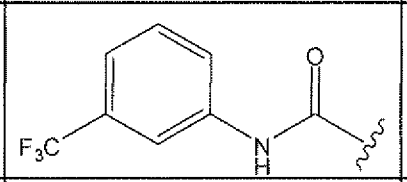
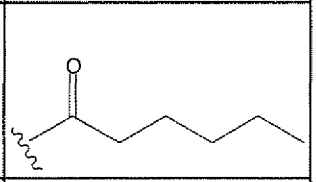
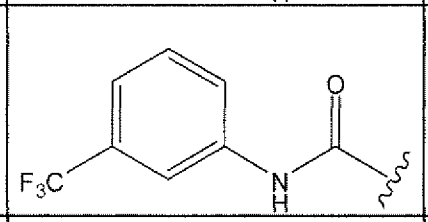
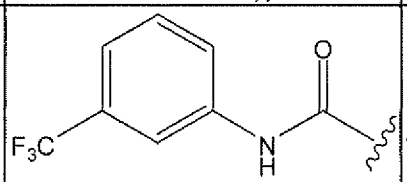
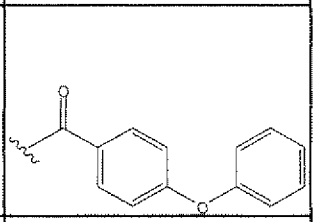
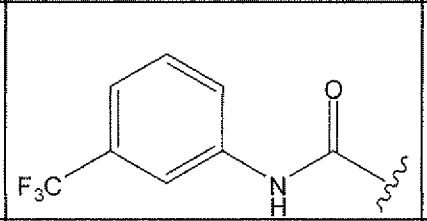
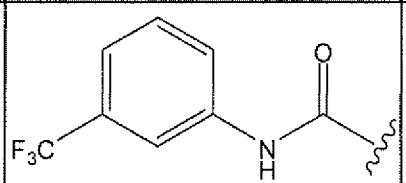
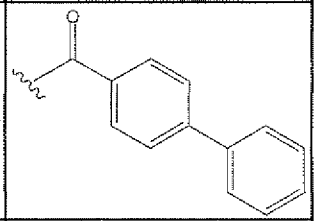
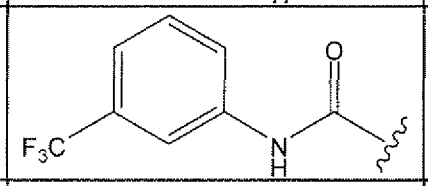
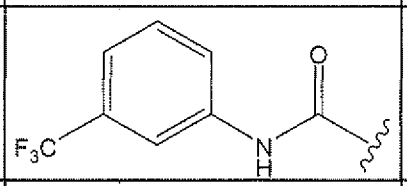
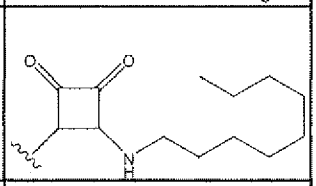
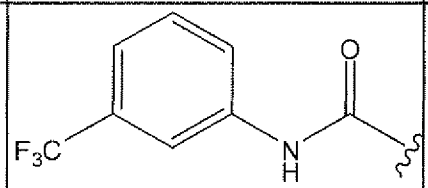
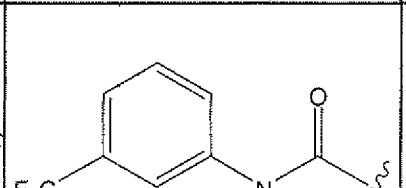
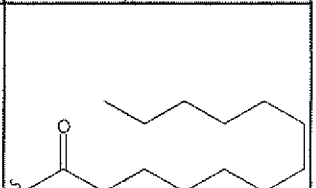
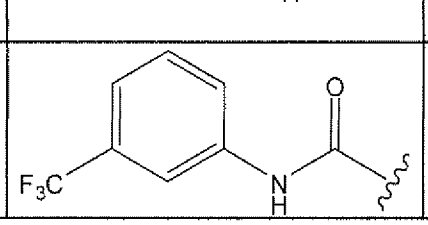
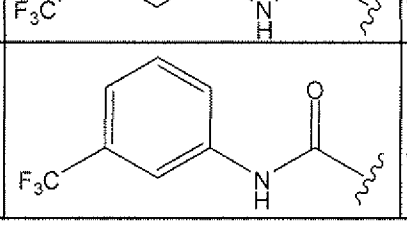
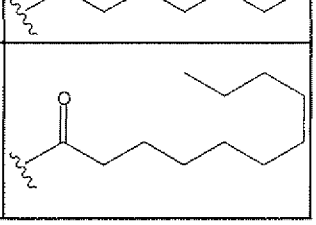
H	CF_3		
F	H		
F	H		
F	H		
F	H		
F	H		

39. (New) The method of claim 1, wherein the compound is



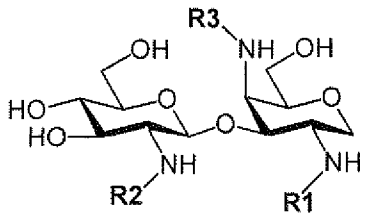
Wherein:

Comp.	R1	R2	R3
42			
51			
56			$C_{10}H_{21}$
65			
67			
68			

69			
70			
73			
74			
75			
76			
77			

and the bacteria is *Micrococcus luteus* .

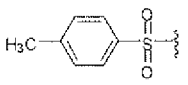
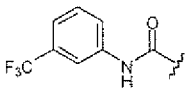
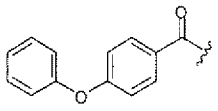
40. (New) The method of claim 25, wherein the compound is

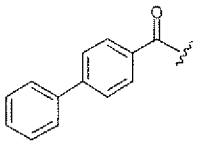
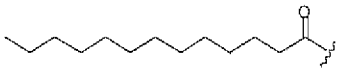


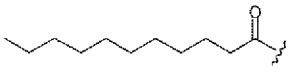
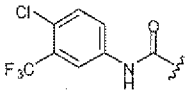
Wherein:

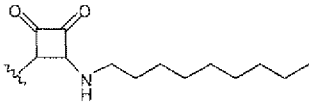
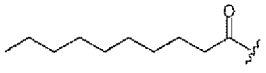
Comp.	R1	R2	R3
42	A20	A20	A8
51	A5	A4	A9
56	A5	A5	$C_{10}H_{21}$
67	A5	A5	A42
68	A5	A5	A32
69	A5	A5	A36
73	A5	A5	A6
74	A5	A5	A7
75	A5	A5	A23
76	A5	A5	A8
77	A5	A5	A9

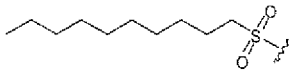
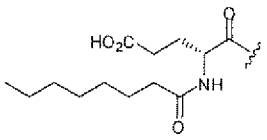
and wherein

A4 is  , A5 is  , A6 is 

, A7 is  , A8 is 

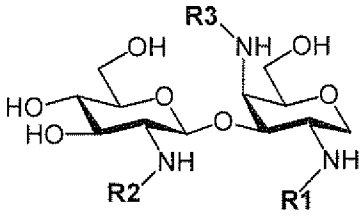
, A9 is  , A20 is 

, A23 is  , A32 is 

, A36 is  , and A42 is 

and the bacteria is *Staphylococcus aureus.*

41. (New) The method of claim 25, wherein the compound is

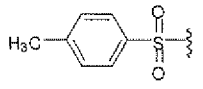
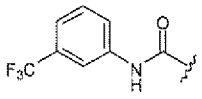
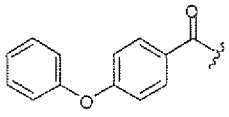


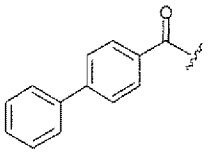
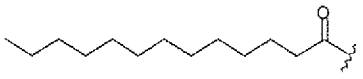
Wherein:

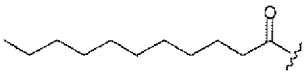
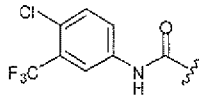
Comp.	R1	R2	R3
42	A20	A20	A8
51	A5	A4	A9
56	A5	A5	$C_{10}H_{21}$
67	A5	A5	A42
69	A5	A5	A36

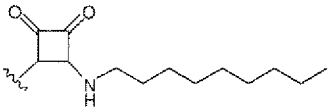
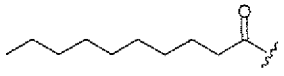
73	A5	A5	A6
74	A5	A5	A7
75	A5	A5	A23
76	A5	A5	A8
77	A5	A5	A9

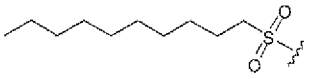
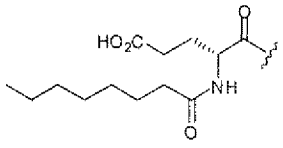
and wherein

A4 is  , A5 is  , A6 is 

, A7 is  , A8 is 

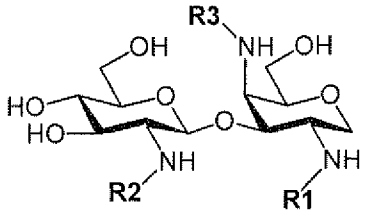
, A9 is  , A20 is 

, A23 is  , A32 is 

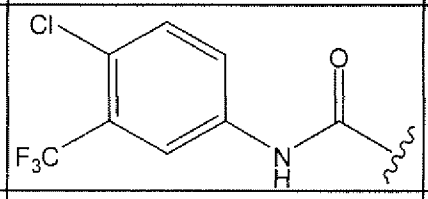
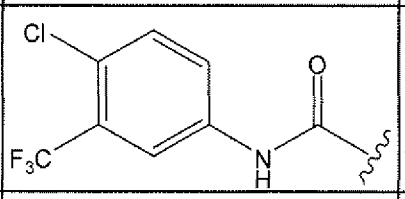
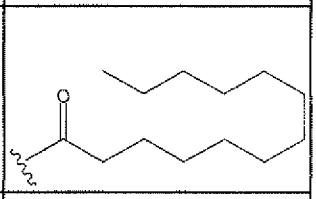
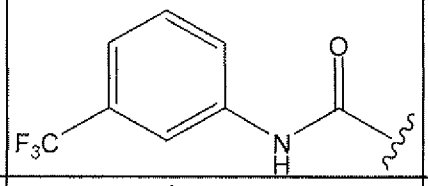
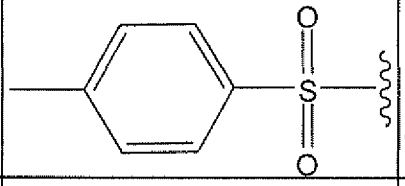
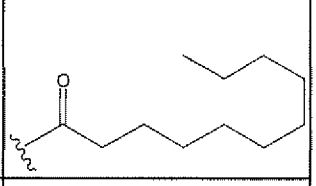
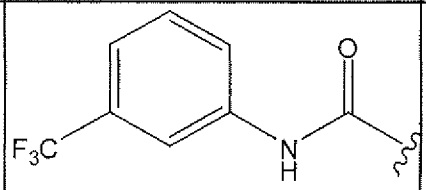
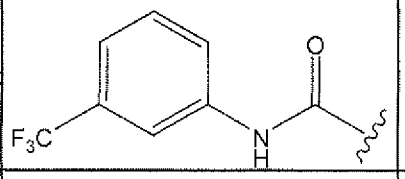
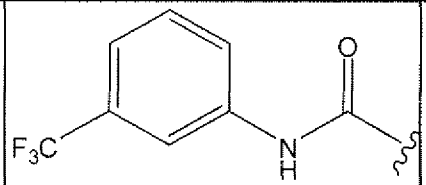
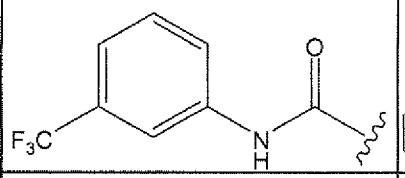
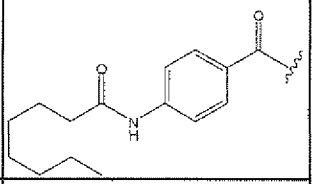
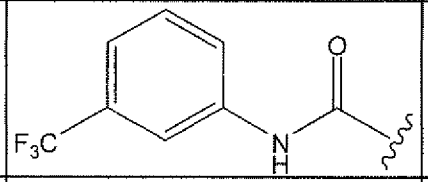
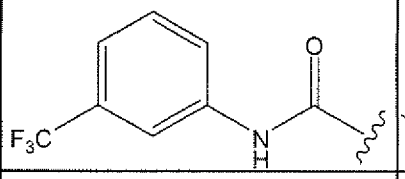
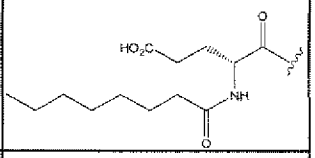
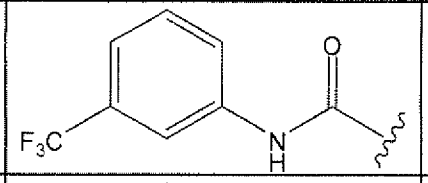
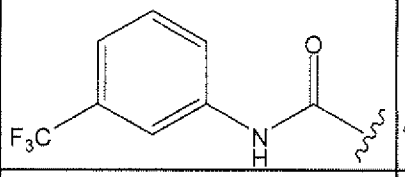
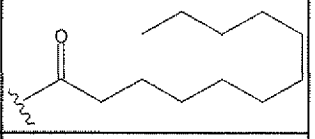
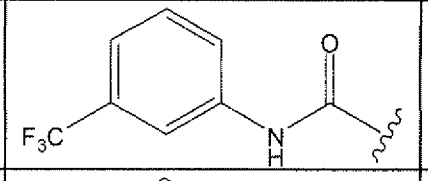
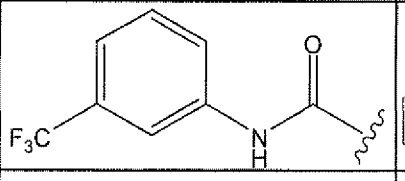
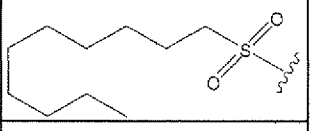
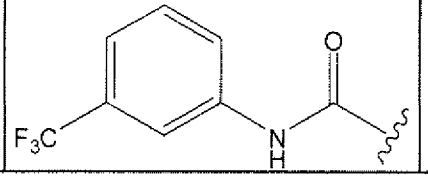
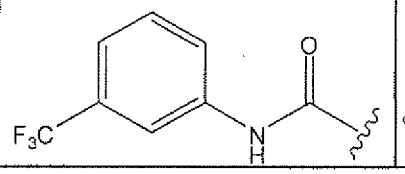
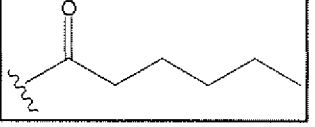
, A36 is  , and A42 is  .

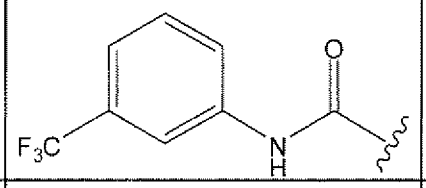
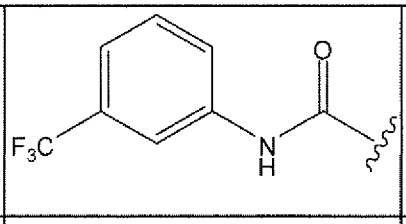
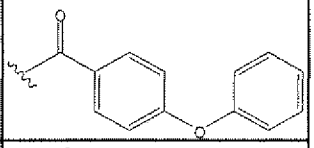
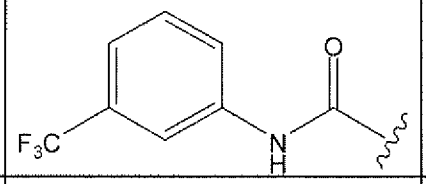
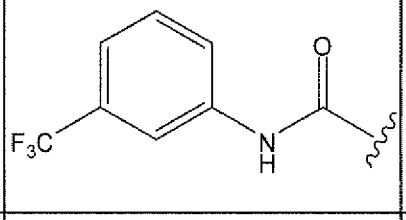
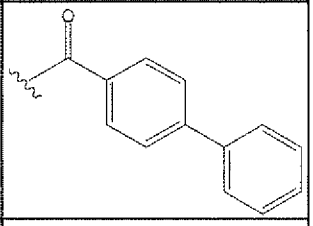
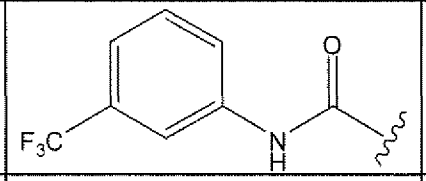
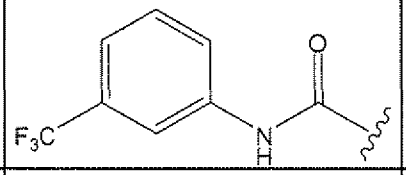
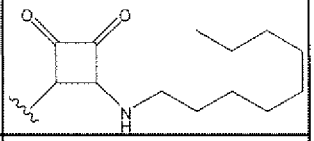
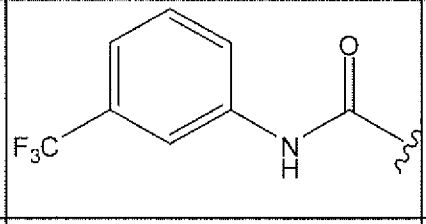
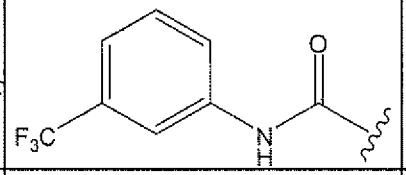
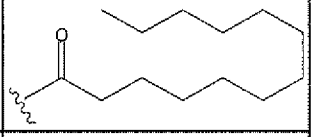
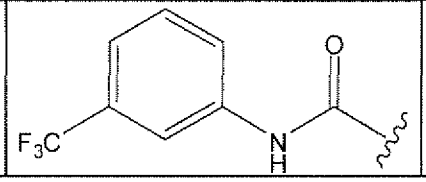
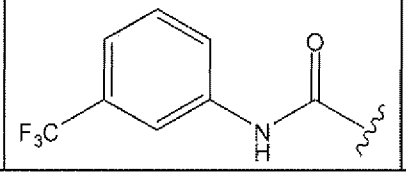
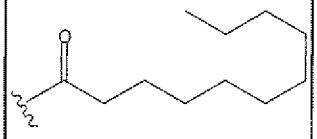
and wherein the bacteria is *Staphylococcus aureus MRSA.*

42. (New) The method of claim 25, wherein the compound is



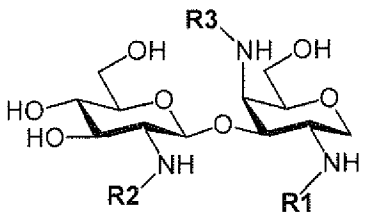
Wherein:

Comp.	R1	R2	R3
42			
51			
56			$C_{10}H_{21}$
65			
67			
68			
69			
70			

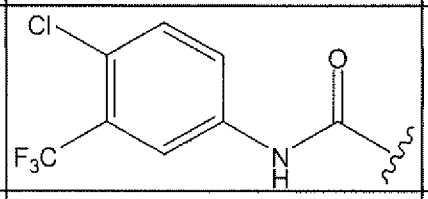
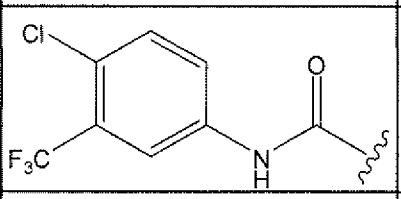
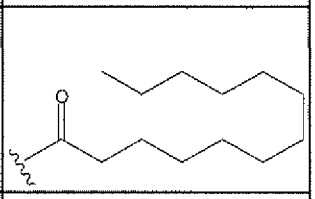
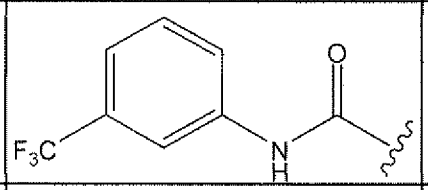
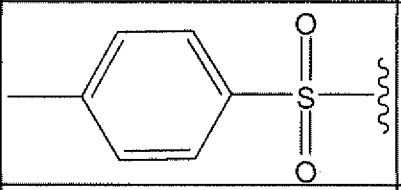
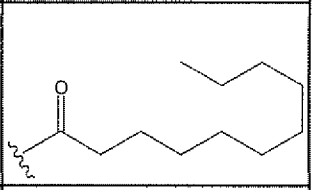
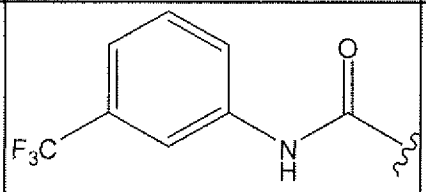
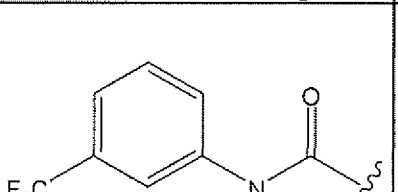
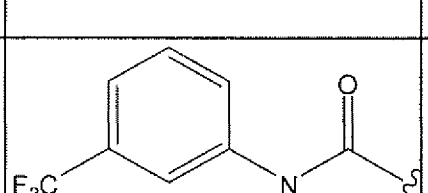
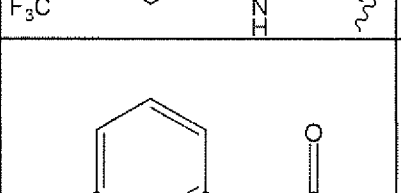
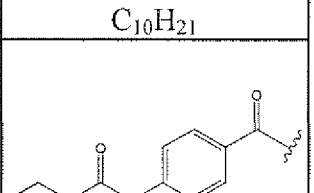
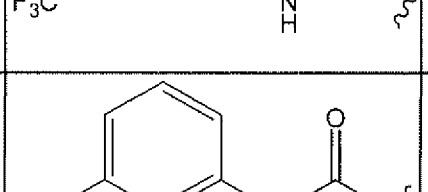
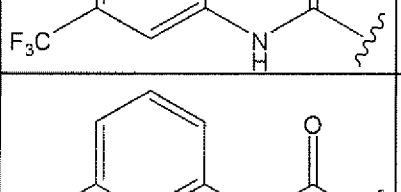
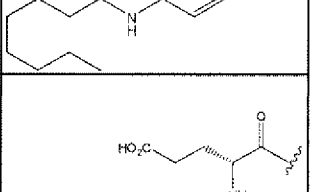
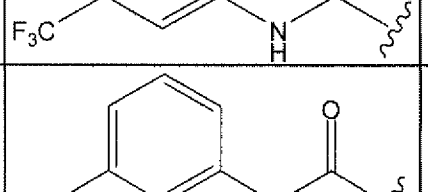
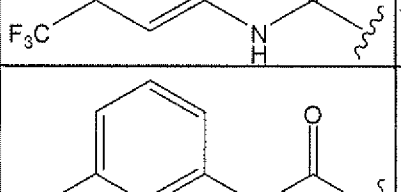
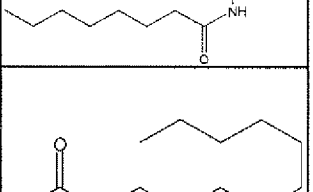
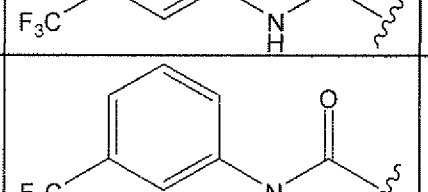
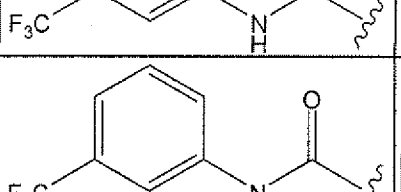
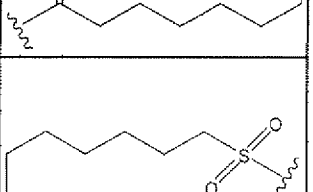
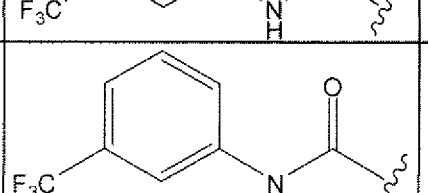
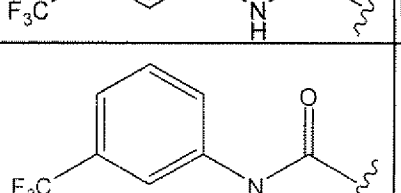
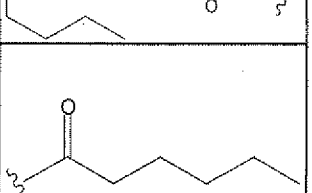
73			
74			
75			
76			
77			

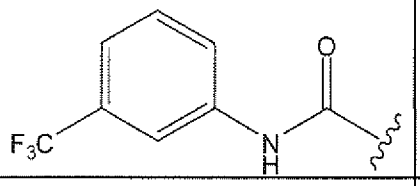
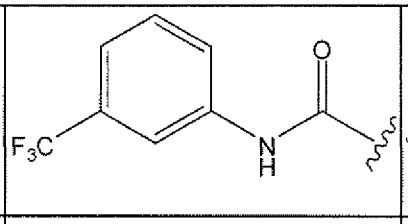
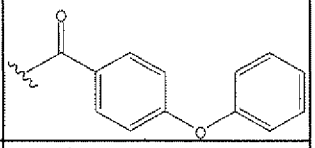
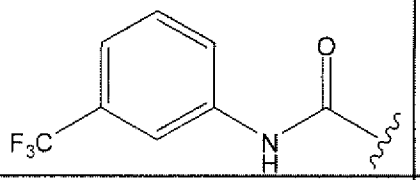
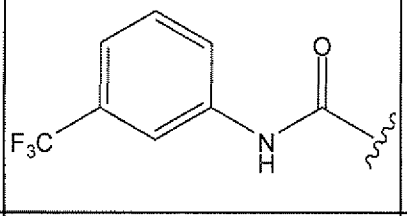
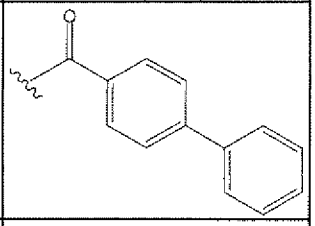
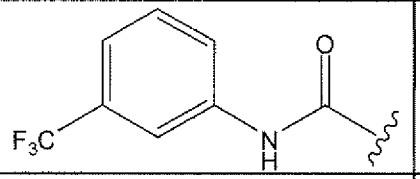
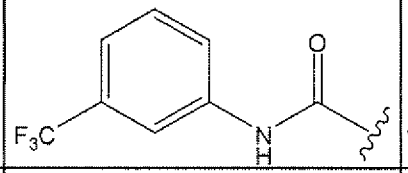
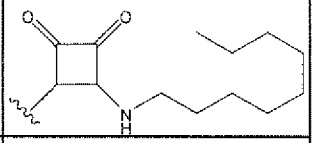
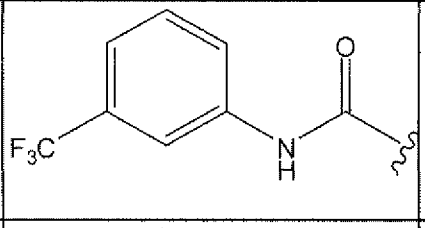
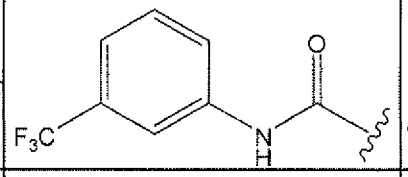
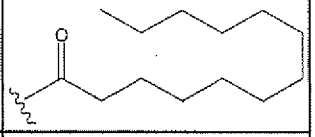
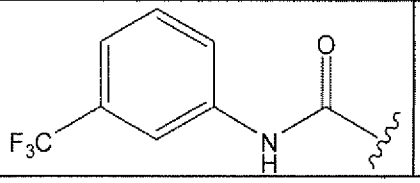
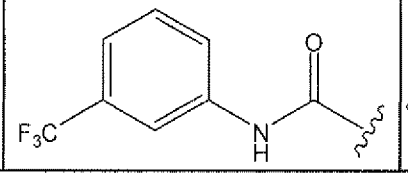
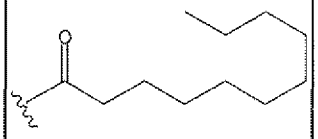
and the bacteria is *Enterococcus faecalis.*

43. (New) The method of claim 25, wherein the compound is



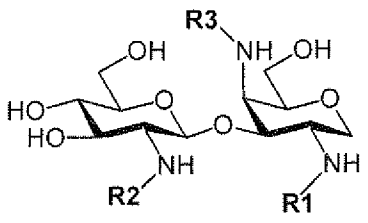
Wherein

Comp.	R1	R2	R3
42			
51			
56			$C_{10}H_{21}$
65			
67			
68			
69			
70			

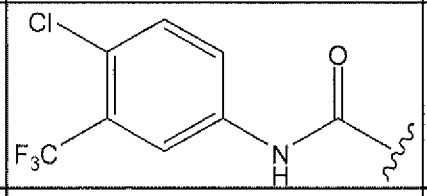
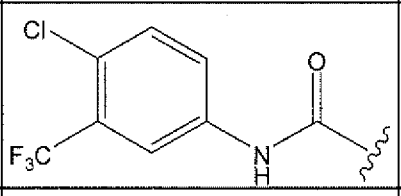
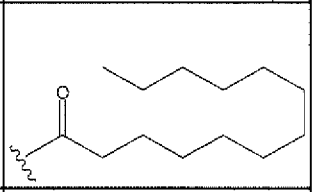
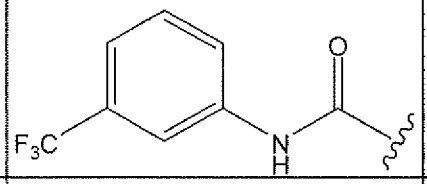
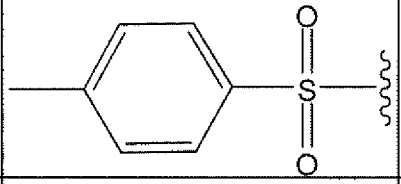
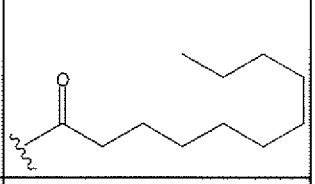
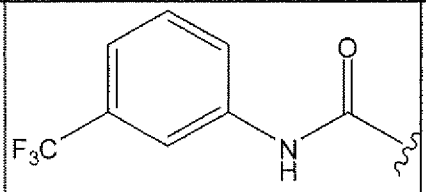
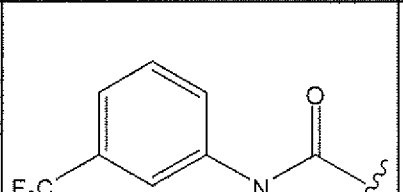
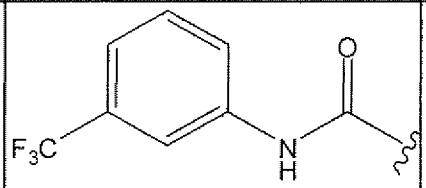
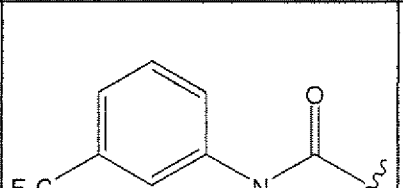
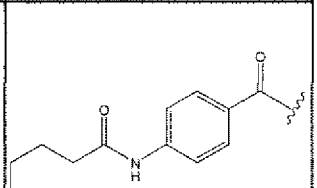
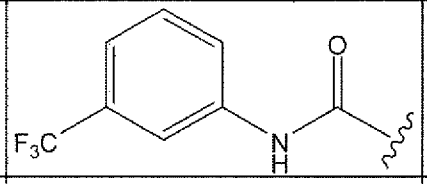
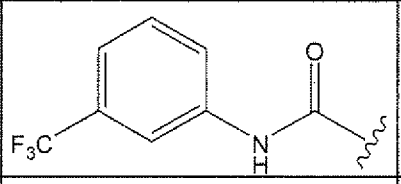
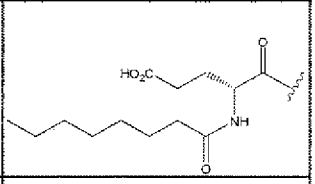
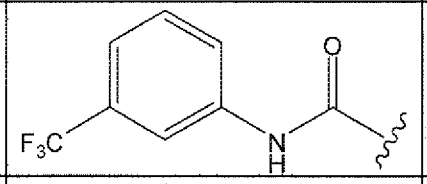
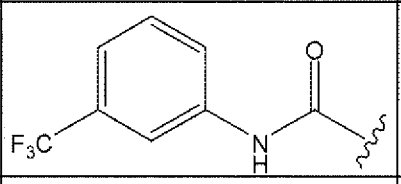
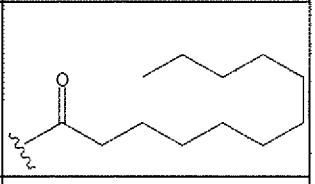
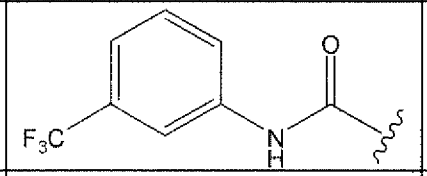
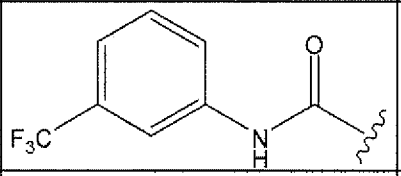
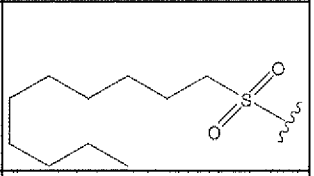
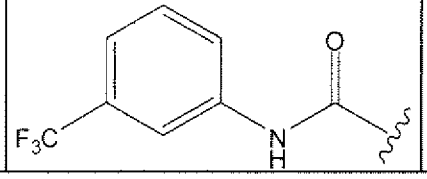
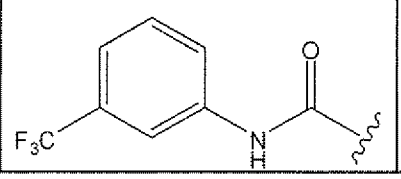
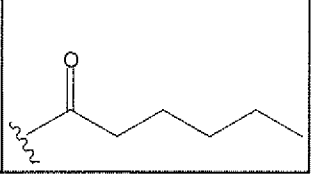
73			
74			
75			
76			
77			

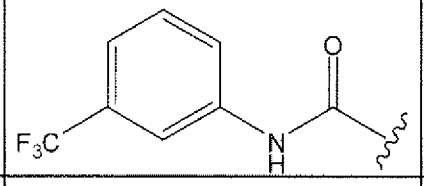
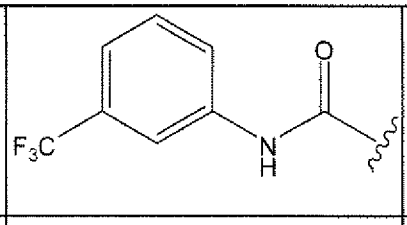
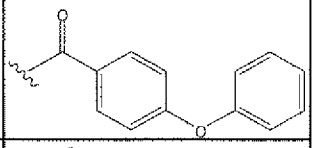
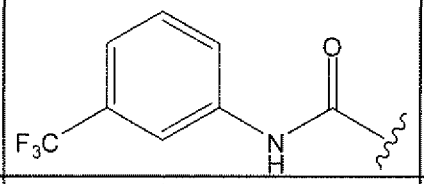
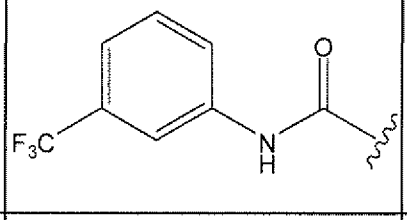
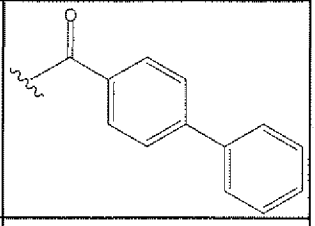
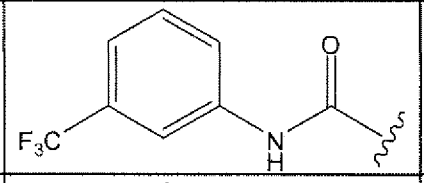
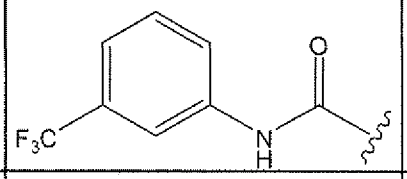
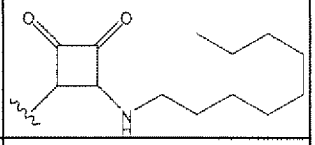
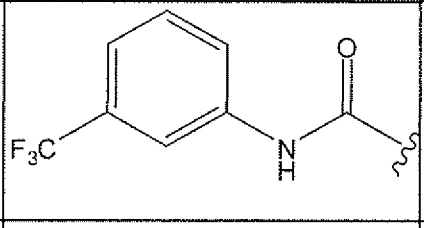
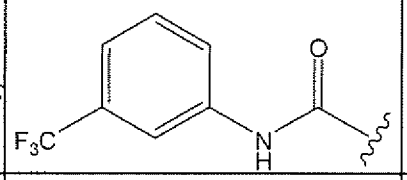
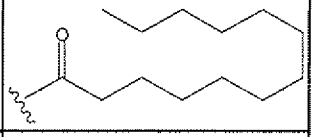
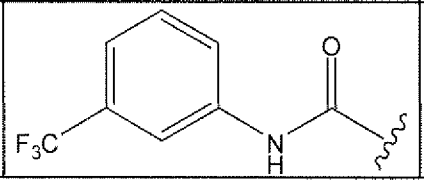
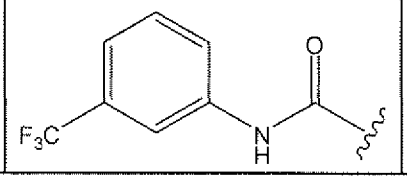
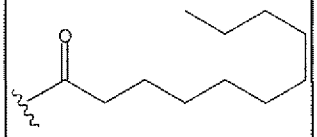
and wherein the bacteria is *Enterococcus faecalis* Vancomycin resistant.

44. (New) The method of claim 25, wherein the compound is



Wherein:

Comp.	R1	R2	R3
42			
51			
56			$C_{10}H_{21}$
65			
67			
68			
69			
70			

73			
74			
75			
76			
77			

and the bacteria is *Streptococcus pyogenes*.

45. (New) A method of inhibiting a bacterial infection in a mammal comprising administering an effective amount of a compound of claim 25 to the mammal.

46. (New) An anti-bacterial pharmaceutical composition comprising a compound of claim 25 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier.

47. (New) The method of claim 25, wherein the bacterium is a resistant or susceptible strain of a Micrococcus, Streptococcus, Enterococcus or Staphylococcus.